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(54) Title: PHARMACEUTICAL COMPOSITIONS PREPARATION OF PEPTIDES, SECRETED BY THE SNAKE VENOM GLANDS, PARTICULARY OF BOTHROPS JARARACA, VASOPEPTIDASES INHIBITORS, EVASINS, THEIR ANALOGUES, DERIVATIVES AND PRODUCTS ASSOCIATED, THEREOF. FOR DEVELOPMENT OF APLICATIONS AND USE IN CHRONIC-DEGENERATIVE DISEASES

(57) Abstract: The present invention is characterized by the process of preparation of pharmaceutical compositions for the development of applications of the Evasins and their structural and/or conformational analogues in chronic-degenerative diseases. It s further characterized by the process of preparation of pharmaceutical compositions and related products of the Evasins peptides and their structural and/or conformational analogues in using the cyclodextrins, its derivatives, liposomes and biodegradable polymers and/or mixture of these systems. The present invention is also characterized by the identification of new biochemical and physio-pharmacological mechanisms not related to the effects on the bradykinin metabolism and angiotensin II formation, which contributes for the mechanism of action of these peptides in chronic-degenerative disorders. In the state-of-art no application was found which uses the Evasins and their analogues included in the cyclodextrins, liposomes, the biodegradable polimers and their derivatives, for the study and treatment of hypertension or other cardiovascular or chronic-degenerative diseases. This characterizes the present invention as a new and more efficient alternative for the study and treatment of these pathologies and their complications. It is further characterized by the increased efficacy of these peptides and their analogues included in cyclodextrins, when administered to rats. This characterizes an increased biodisponibility of these peptides and their analogues using the compositions of the present invention.

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